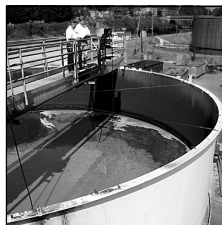


# Industrial Pretreatment Quarterly

Published for Industrial Dischargers by the King County Industrial Waste Program (KCIW)



**King County**  
Wastewater Treatment Division  
**Industrial Waste Program**

Volume XXX Issue 4 December 2004

## Mission Statement

*The mission of the Industrial Waste Program is to protect the environment, public health, biosolids quality, and King County's regional sewerage system. We work cooperatively with our customers as we regulate industrial discharges, provide technical assistance, and monitor the regional sewerage system.*

## Industrial Waste Advisory Committee

Kevin Burrell,  
Environmental Coalition of South  
Seattle (ECOSS)  
Ken Gross, GM Nameplate  
Sandy Hallberg, Asko Processing  
Scott Woerman, North Creek Analytical  
Donna Hoskins, Berlex Laboratories  
Mike Jeffers, Rebec LLC  
Kim Niino, Safeway Distribution Center  
Tom Raymond, Honeywell, Inc.  
Steve Skodje, Cargill, Inc.  
Doris Turner, Boeing Commercial  
Airplane Group- Renton  
Chris VanHoof, City of Kent

## 2003 Rewards and Recognition Program

(Awarded in 2004 and listed here throughout that year)

### EnviroVation Award

Honeywell International

### Commitment-to-Compliance Award

Kenworth Truck Company  
Weyerhaeuser Company

## Profile: Commitment-to-Compliance Winner Kenworth Truck Company

*Occasionally KCIW will profile a Rewards and Recognition Award winner.*

2003 Commitment-to-Compliance winner Kenworth Truck Company contributed to protecting public health and the environment by maintaining an excellent record of compliance with the county's industrial waste discharge regulations (Gold Award) for five consecutive years.

Kenworth Truck Company, a division of PACCAR Inc, is a leading manufacturer of heavy and medium duty trucks. The company maintains its headquarters in Kirkland and operates several manufacturing plants.

Rich Sklar is Senior Facilities Engineer at the 270,000-square-foot Renton plant. Regarding the facility's high level of compliance, he commented, "Kenworth follows a policy that calls for the continuous improvement of our processes and for the highest quality in our products and services. Operation of the Renton plant in compliance with our wastewater discharge permit is one of the services we provide."



*Award presentation L to R: Doug Baugh, Plant Manager; Rich Sklar, Senior Facilities Engineer; Billie Arthur, Associate Manufacturing Engineer; Tim Perez, Wastewater Treatment Process Operator; Elsie Hulsizer, KCIW Program Manager, and Peggy Rice, KCIW Compliance Investigator.*

(continued on page 4)

## Inside this Issue

- Kenworth Truck Company
- KCIW News Briefs
- Pollution Spill Kits
- 2005 KCIW fees
- Local Sewer Agency Update: Grease
- Recent enforcement actions

# KCIW News Briefs

## Highlights, November Industrial Waste Advisory Committee (IWAC) meeting

*With the goal of protecting the environment, public health, biosolids quality and King County's regional sewerage system, KCIW's advisory committee meets to exchange ideas among representatives of industrial wastewater dischargers, sewer agencies, environmental groups, and KCIW staff:*

### 1. Brightwater Treatment Plant Update

Gunars Sreibers, Senior Project Administrator with the Major Capital Improvements Section of the King County Wastewater Treatment Division (KCWTD) gave an overview of the design process and construction methods that will be used for the new Brightwater Treatment Plant and conveyance system. Construction is scheduled to begin in 2006 and expected to be complete by 2010.

*For more information on the Brightwater Treatment System, visit: <http://dnr.metrokc.gov/wtd/brightwater> on the Internet, or call 206-684-6799 or toll free at 1-888-707-8571.*

**2. Washington State Department of Ecology** – Volatile Organic Compounds in Soil In-Field Sample Preservation. Scott Woerman of North Creek Analytical Laboratory gave a presentation on new U. S. Environmental Protection Agency (EPA) Method 5035A, which sets forth the requirements and procedures applicable to the collection and preparation of soil samples for volatile organic compound (VOC) analysis. *For more information, visit: <http://www.ecy.wa.gov/pubs/0409087.pdf> on the Internet or call 425-649-7000.*

### 3. ECOSSE Spill Kit Incentive Pilot Program

Kevin Burrell of The Environmental Coalition of South Seattle (ECOSS) informed the group of a new Spill Kit Incentive Pilot Program that it is offering to any business within the City of Seattle. (Article page 3)

### 4. Tour of Berlex Laboratories Bothell Facility

Donna Hoskins gave a tour of the Berlex Laboratories Bothell Facility. Thank you for the hospitality shown by Donna and Berlex for hosting this meeting!

The next IWAC meeting will be at 9:00 a.m., February 2, 2005 at 130 Nickerson Street, Suite 105, Seattle. The meeting site is wheelchair accessible. People who have needs or disabilities for which arrangements must be made ahead of time should contact the Industrial Waste Program. (For sign language interpreter requests, please contact us at least two weeks before this event if possible.) *Call the KCIW office at 206-263-3000 (voice) or the Washington Relay Service at 1-800-833-6388 or e-mail: [kristin.painter@metrokc.gov](mailto:kristin.painter@metrokc.gov).*

For complete minutes of this meeting go to the KCIW Web pages or call the office (see contact information page 1).

## Gold Award

Acu-Line Corporation  
Alaskan Copper Works – 6th Ave.  
Avtech Corporation  
B.S.B. Diversified Company  
Ball Metal Beverage Container Corp.  
Boeing Commercial Airplane –  
North Field  
Boeing Commercial Airplane – Renton  
Boeing Electronics Center  
BP-Arco Petroleum  
Burlington Environmental  
Burlington Northern/Santa Fe  
Railroad Company  
Carnitech US, Inc.  
Color Tech  
Crane-Eldec Corporation –  
Martha Lake Facility  
Davis Wire Corporation  
Emerald Sanitary Services LLC  
Glacier Northwest  
GM Nameplate, Inc.  
Honeywell International, Inc.  
Industrial Container Services, Inc.  
Industrial Plating Corporation  
Island Spring, Inc.  
Kenworth Truck Company  
King County CIP – Henderson/MLK  
CSO  
Marco Shipyard Seattle, Inc.  
Mastercraft Metal Finishing, Inc.  
Mikron Industries  
Northstar Beverage Company  
Pacific Iron & Metal  
Pepsi-Cola Company  
Philip Environmental Services Corp.  
Precor USA – Plant 1  
Precor USA – Plant 2  
Protective Coatings, Inc.  
Prototron Circuits, Inc.  
Puget Sound Energy  
Rexam Beverage Can Company  
Safeway, Inc. – Beverage Plant  
Seattle FilmWorks Manufacturing /  
PhotoWorks, Inc.  
Seattle Solid Waste –  
Kent Highlands Landfill  
Skills, Inc. (Ballard)  
Smith Fabrication, Inc.  
Surftech Finishes Company

Time Oil Company  
Tri-Way Industries  
Universal Brass, Inc.  
Universal Sheet Metal, Inc.  
Vectra Fitness  
Viox Corporation  
Western Metal Arts  
Western Pneumatic Tube  
Weyerhaeuser Company

## Silver Award

Aero Controls, Inc. – 20th Street NW  
Aerojet – General Corporation  
Amgen Corporation  
Cedar Grove Composting, Inc.  
Circuit Partners, Inc.  
Circuit Services WorldWide LLC  
Costco Wholesale  
Crane-Eldec Corporation –  
North Creek Facility  
Emerald Recycling  
Exotic Metals Forming Company  
Interstate Brands Corporation – Hostess  
Kerry, Inc.  
King County CIP – Denny Way CSO/  
Mercer Tunnel  
King County Solid Waste –  
Cedar Hills Landfill  
Magnetic and Penetrant Services Co.  
Philips Ultrasound, Inc.  
Puget Sound Recycling  
Quality Finishing, Inc.  
Rabanco Recycling Company  
Skills, Inc. (Auburn)  
TTM Technologies, Inc.  
Universal Manufacturing, Inc.

*Every year, King County recognizes significant industrial users of the sewer system that have maintained an excellent record of compliance with the county's industrial waste discharge regulations for the previous calendar year. For awards criteria and more information, go to <http://dnr.metrokc.gov/wlr/indwaste/Awards.htm> on the Web.*

*King County's industrial pretreatment regulations are designed to prevent businesses from discharging substances that can degrade the wastewater treatment process, harm workers, damage facilities or reduce surface-water quality.*

## FREE Pollution Spill Kits available to Seattle businesses

Seattle is a city defined by water. Puget Sound, Lake Washington, Lake Union and the Ship Canal, the Duwamish Waterway, urban creeks and small lakes each enhance the quality of life for those who live and work here. Seattle's major waterways bustle with water-oriented businesses and support one of the premier industrial seaports on the West Coast.

Oil, chemicals and other pollutants that spill into the storm drainage system may go directly into our waterways - without any treatment. One way you can prevent and clean up spills is by having a spill kit and plan. To make it easy, the City of Seattle is offering free spill kits to qualifying businesses as part of the Mayor's "Restore our Waters" initiative.

Cleaning up is not just the right thing to do; it's the law. If there is a chance that pollutants could be carried by rainwater off your site, your business is required to:

- Create and follow a spill prevention and clean up plan
- Keep a spill kit with response equipment anywhere spills may occur
- Train your employees in how to prevent and respond to spills

All Seattle businesses that manufacture, store, use or transport liquids have the potential for a spill. Creating a spill kit and plan is the most cost-effective way to prevent and deal with a potential spill. Most clean ups cost between \$5,000-\$10,000.

**To receive your free spill kit**, visit [www.resourceventure.org](http://www.resourceventure.org) and complete a spill plan, or complete the enclosed plan and return it to the Resource Venture. Depending on your type of business, you may qualify for either a free standard spill kit OR a rebate coupon for up to 60 percent off a customized component spill kit, while supplies last.

Once we receive your plan, an Environmental Coalition of South Seattle (ECOSS) staff member will contact you to set up a site visit. During the visit, you will receive your spill kit (or rebate coupon), a laminated copy of your business' spill plan, a laminated map of your facility showing the location of the spill kit and storm drains and a laminated diagram showing how to dispose of hazardous and non-hazardous spills. The Spill Kit Incentive Pilot Program is a partnership of the "Restore our Waters" initiative and Seattle Public Utilities and is being administered by the Resource Venture, a program of the Greater Seattle Chamber of Commerce, and ECOSS.

*If you have any questions about the Spill Kit Incentive Pilot Program, call Resource Venture at 206-389-7304 or visit <http://www.resourceventure.org/> on the Web.*



## 2005 Industrial Waste fees

Fees charged to industrial users for the types of waste they discharge to the sewer system recover approximately 50 percent of the KCIW budget; the King County sewage-treatment fee pays for the rest.

Each year, KCIW reviews all of the fees shown in the table opposite that compares our 2004 fees with the new ones for 2005.

KCIW's intent is to recover just what it costs to operate the fee programs listed in the table. The program recovers the costs for treating high-strength wastewater by applying a surcharge to wastes that have a biochemical oxygen demand greater than 300 mg/l and total suspended solids greater than 400 mg/l. The surcharge includes an administrative charge that recovers costs of sampling, analysis, inspection, and billing high-strength dischargers.

KCIW also recovers costs for monitoring discharges for heavy metals and fats, oils, and grease. Charges recover all costs of inspecting and sampling companies with such discharges. Also included in the costs recovered are costs for KCIW investigators to review the data and reports submitted by companies. (This administrative charge is new in 2005 for low volume discharge facilities that pay minimum charges.)

The post-violation program is designed to recover inspection and monitoring costs from out-

of-compliance facilities. Because violating companies require more attention than companies in compliance, post-violation fees put the economic burden on companies that cause the extra costs.

Industrial Waste also recovers costs for inspecting and drafting permits and discharge authorizations.

The unit charges of fees shown on the table are affected by several factors, including the following year's predicted expenditures and the previous year's actual expenditures.

In the past two years the monitoring charges paid by companies monitored for heavy metals have risen, primarily due to the decrease in the volume of industrial discharges without a corresponding reduction in the number of industrial monitoring samples KCIW has to collect.

To a certain extent the program has been able to counter some of the cost increases by reducing the number of our staff and taking on work for the Duwamish cleanup, which is partially grant-funded. The program has also been working with the Association of Metropolitan Sewer Agencies (AMSA) to try to get the amount of monitoring required at industrial facilities reduced.

Approved fees are posted on KCIW's Web pages and are also available by fax or mail by calling the KCIW office. (See contact information page 1)

---

*Kenworth continued from page 1*

Other Kenworth efforts to protect the environment and conserve natural resources include the following:

- Reduced hazardous air pollutant (HAP) emissions per unit of production by 89 percent.
- Significant use of reusable packaging for purchased materials.
- Maintaining recycling programs for pallets, paper, cardboard, wood, steel, aluminum, plastic, oil, anti-freeze and batteries. Paint spray gun wash solvent is recycled on-site.

Congratulations, Kenworth!



## 2005 KCIW fees

	2004 Fees	2005 Proposed Fees
<b>High Strength Surcharge</b>		
Biological Oxygen Demand (BOD) .....	\$0.122536/pound .....	\$0.146536/pound
Total Suspended Solids (TSS) .....	\$0.196758/pound .....	\$0.238412/pound
<b>Monitoring Charges</b>		
Heavy metals .....	\$0.002291/gallon .....	\$0.002662/gallon
Fats, Oils and Grease .....	\$0.000182/gallon .....	\$0.000165/gallon
<b>Permit Fees</b>		
Waste Discharge Permit .....	\$1,615.00 .....	\$1,615.00
Discharge Authorization		
Major-New .....	\$1,045.00 .....	\$1,545.00
Major-Renewal .....	\$1,045.00 .....	\$1,545.00
Minor-New .....	\$465.00 .....	\$705.00
Minor-Renewal .....	\$465.00 .....	\$705.00
Letter of Authorization .....	\$125.00 .....	\$140.00
<b>Post Violation Fees</b>		
Metals Grab .....	\$130.00 .....	\$145.00
Metals Composite .....	\$250.00 .....	\$275.00
pH Grab .....	\$120.00 .....	\$130.00
pH Continuous (Installation) .....	\$100.00 .....	\$110.00
pH Continuous (Per week of operation) .....	\$100.00 .....	\$110.00
FOG Set .....	\$320.00 .....	\$340.00
VOA Grab .....	\$270.00 .....	\$285.00
VOA Composite .....	\$390.00 .....	\$415.00
BNA Grab .....	\$415.00 .....	\$430.00
BNA Composite .....	\$530.00 .....	\$560.00
Cyanide Grab .....	\$155.00 .....	\$170.00
Cyanide Composite .....	\$270.00 .....	\$300.00
Mercury Grab .....	\$140.00 .....	\$155.00
Mercury Composite .....	\$260.00 .....	\$290.00
BOD .....	\$275.00 .....	\$305.00
TSS .....	\$250.00 .....	\$280.00
Enforcement Action .....	\$500.00 .....	\$855.00
Inspection .....	\$175.00 .....	\$180.00

## Local Sewer Agency Update: Workgroup addresses grease

The Industrial Waste Program participated in an inter-agency workgroup that was formed to address the problem of grease entering storm drains and sanitary sewers from improper grease handling and storage practices. The workgroup was formed to:

- Provide information and guidance to regulators and food service establishment operators about how best to collect, store, and dispose of fats, oils, and grease generated from the preparation of food.
- Provide regulators with information and guidance for conducting inspections of food service establishments.
- Provide outreach materials for assisting food service establishments.
- Provide regulators with an information matrix list for sewer districts in the King County region.
- Provide food service establishments with a list of contractors and service providers.

The workgroup produced two documents: "A Guide to Restaurant Grease Management" and "A Pocket Guide to Best Management Practices for Restaurant Grease". Links are available on the KCIW Web site. See contact information, page 1.

For additional information regarding these documents, please email KCIW staff engineer, Bruce Tiffany (bruce.tiffany@metrokc.gov).

## Publication of recent enforcement actions

King County's Industrial Waste Program is responsible for making sure that water used by county industries returns to our waterways clean and safe. This protects our water resources, our public health, workers at treatment plants, and the biosolids produced there.

The vast majority of King County's businesses do an excellent job of meeting these clean water goals by treating their industrial wastewater before they discharge it to the sewer. Whenever possible, we work to provide technical assistance and help industries reach compliance before enforcement actions become necessary. If companies violate clean water standards, however, we do take enforcement actions, as federal regulations require.

The following companies are users of the county sewer system that violated treatment requirements between September and November 2004 (or have not had their violations previously published) and either:

- were found in significant noncompliance during the reporting period; and/or
- received fines, and/or
- had violations that were unique or warranted special attention.

---

**Carl Zapffe, Inc.**  
**12004 Aurora Avenue North**  
**Seattle, Washington 98133**

**Nature of Violation/ Type of Pollutant:** Late report-permit renewal application.

**Basis for Publication:** Significant noncompliance for failure to file the application for renewal of its waste discharge permit within 30 days of the due date.

**Comments:** Carl Zapffe, Inc. filed its permit application, no further action required.

**Penalty:** Final Notice to file its permit application and notice of significant noncompliance.

---

**Davis Wire Corporation**  
**19411-80<sup>th</sup> Avenue South**  
**Kent, Washington 98032-1190**

**Nature of Violation/ Type of Pollutant:** Late report-July 2004 self-monitoring report.

**Basis for Publication:** Significant noncompliance for failure to file the self-monitoring report within 30 days of the due date.

**Comments:** Davis Wire Corporation filed its self-monitoring report, no further action required.

**Penalty:** Final Notice to file its self-monitoring report and notice of significant noncompliance.

---

**Nemco**  
**207 S. Horton Street**  
**Seattle, Washington 98134**

**Nature of Violation/ Type of Pollutant:** Late report-permit application.

**Basis for Publication:** Significant noncompliance for failure to file the permit application within 30 days of the due date.

**Comments:** Nemco filed its permit application, no further action required.

**Penalty:** Final Notice to file its permit application and notice of significant noncompliance.

---

**Precor Incorporated-Plant 2**  
**14210 NE 203<sup>rd</sup> Street**  
**Woodinville, Washington 98072-4002**

**Nature of Violation/ Type of Pollutant:** Late report-June 2004 self-monitoring report.

**Basis for Publication:** Significant noncompliance for failure to file the self-monitoring report within 30 days of the due date.

**Comments:** Precor Incorporated-Plant 2 filed its self-monitoring report, no further action required.

**Penalty:** Final Notice to file its self-monitoring report and notice of significant noncompliance.

---

**Other Enforcement Actions:**

King County Industrial Waste also acted on 10 other violations at 10 companies for the following pollutants and/or parameters: late reports (4); pH-Acidic (2); copper (2); exceeded authorized discharge volume (2).

We all need to work together to prevent pollution. If you have information for the Industrial Waste Program or questions about our program, please call (206) 263-3032 or 711, TTY Relay Service. You may also visit our program's pages at <http://dnr.metrokc.gov/wlr/indwaste/index.htm> on the Internet.

**This information is available on advance request in  
accessible formats for persons with disabilities. Please  
call 206-263-3000 or TTY relay service at 1-800-833-6388.**

*King County's Wastewater Treatment Division protects public health and water quality by serving 18 cities, 15 sewer districts and more than 1.4 million residents in King, Snohomish and Pierce counties. The regional public utility has been preventing water pollution for nearly 40 years.*



Those attending KCIW's technical assistance seminar on November 16 heard about various aspects of wastewater discharge permits (KCIW Compliance Specialist Tammy Himes, left).

## Clean Water: A Sound Investment

Printed on recycled paper

403654.p65



Wastewater Treatment Division  
**Industrial Waste Program**  
130 Nickerson Street, Suite 200  
Seattle, WA 98109-1658

PRSRT STD  
U.S. POSTAGE  
**PAID**  
SEATTLE, WA  
PERMIT NO. 01605

RETURN SERVICE REQUESTED